

Areeb Jamal

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EDUCATION

McMaster University

Bachelor of Computer Engineering and Management

Hamilton, ON

Sep. 2020 – April 2025

- Currently at a 3.9 GPA and recognized in the top 15% of the program.
- McMaster Honor Award Recipient | Dean's Honor List

Mississauga Secondary School

Ontario Secondary School Diploma

Mississauga, ON

Sep. 2016 – June 2020

- [Valedictorian](#) | 2x Physical Education Subject Award Recipient | 4x Honor Roll Student
- 2x Athlete of the Year | Sr.Boys Soccer Team MIP | Sr.Tennis Team MIP

SKILLS AND ABILITIES

Programming Languages: C/C++, Python, Java, HTML/CSS, MATLAB, Verilog/VHDL, R,

Tools: Eclipse, Visual Studio Code, MS Office, Git, RStudio

PROJECTS

Personal Website

Jan. 2022

- Exercised self-taught HTML, CSS, and JavaScript skills to code a personal portfolio website.

Automated System for Recyclable Containers

Feb. 2021

- Using a Raspberry Pi, designed and developed a computer program in Python to control a robotic arm that recycles containers to their appropriate bin locations in a dynamic simulation on Quanser Interactive Labs.

EXPERIENCE

RF Network Engineer Intern

Ericsson Canada Inc

May 2022 – Aug. 2022

Mississauga, ON

- Monitored a variety of radio frequency signals and bands for over 300 sites across the city of Jacksonville while generating detailed site summaries for customers.
- Analyzed KPIs to further optimize radio network performance and power consumption to maximize the efficiency of available network resources.
- Assisted in the development of a computer program that generates summary reports autonomously using Python to remove excessive manual labour and boost productivity.

Associate

Genzup

Aug. 2020 – Nov. 2020

Regional Municipality of Peel, ON

- Utilized excellent communication skills to reach out to external organizations to further satisfy clients' needs.
- Coordinated the design team to generate social media layouts and company growth strategies.
- Developed long-lasting relationships with key clients to foster future opportunities for the company.

General Warehouse Employee

Sunglo Products Inc

Jul. 2019 – Aug. 2019

Mississauga, ON

- Resolved machine problems and maintained efficient product production through creative suggestions and innovations to the company manufacturing methods.

VOLUNTEER EXPERIENCE

Co-Director of External Relations

Wards 3&4 City Youth Council

Jul. 2019 – Present

Brampton, ON

- Collaborated with city councilor Jeff Bowman on innovative and fit-for-purpose solutions in the city of Brampton.
- Administered numerous fundraisers while coordinating groups of 40+ volunteers.

Design Studio Representative

McMaster University

Dec. 2020 – Apr.2021

Hamilton, ON

- Elected as 1P13 engineering course student representative to collect and report over 1300 students' feedback, suggestions, and concerns directly to the course professors.